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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application)

Applicant: Nishida et al.)

Serial No. 09/960,094)

Filed: September 21, 2001)

For: INDUCTANCE DEVICE DRIVING
SYSTEM, INFORMATION
STORAGE APPARATUS, AND
INDUCTANCE DEVICE DRIVING
METHOD)

Art Unit: 2651)

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Assistant Commissioner for Patents
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Sir:

Please approve the attached substitute formal drawings, which are the originals of
the facsimile drawings filed with this application. No new matter has been added.

Respectfully submitted,

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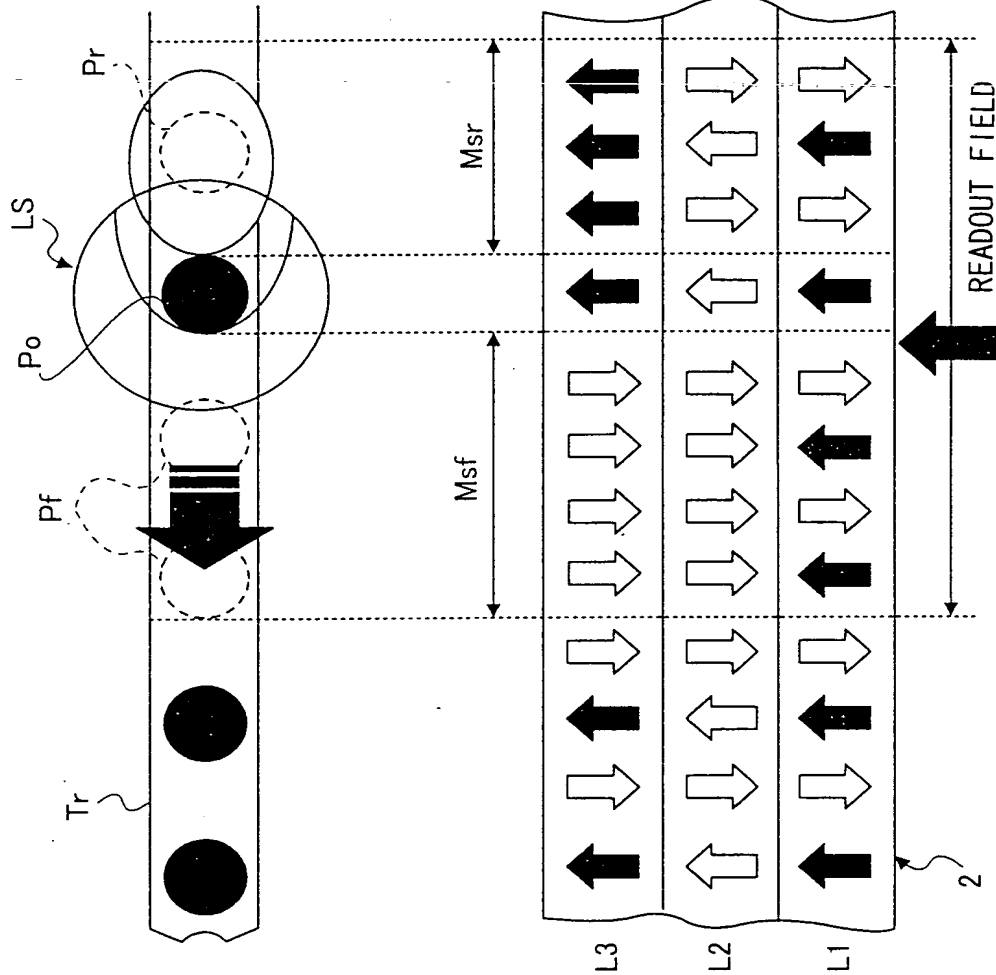


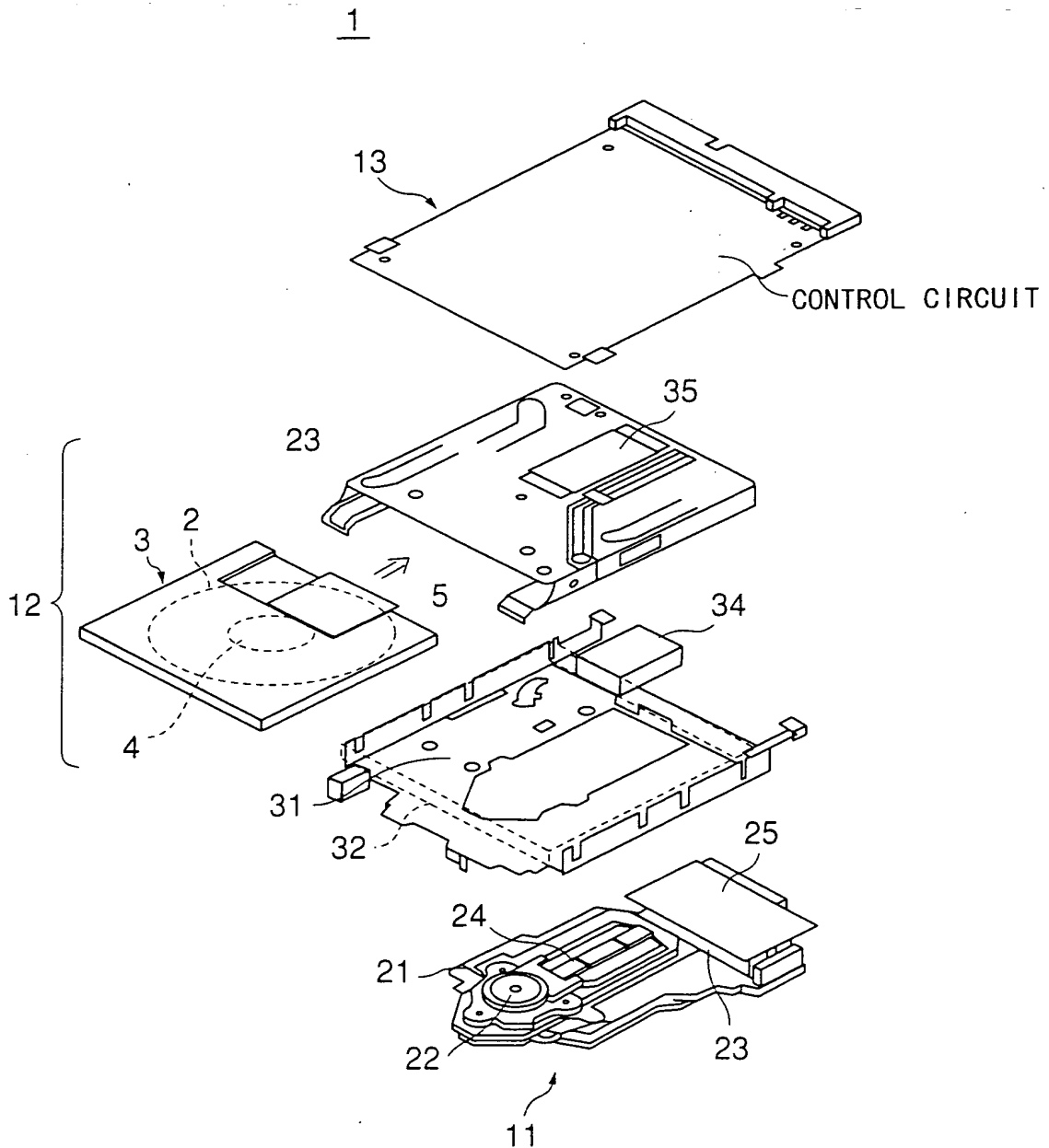
FIG. 1A

FIG. 1B

APPROVED	P. G. FIG.	
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FIG. 2



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FIG. 3A

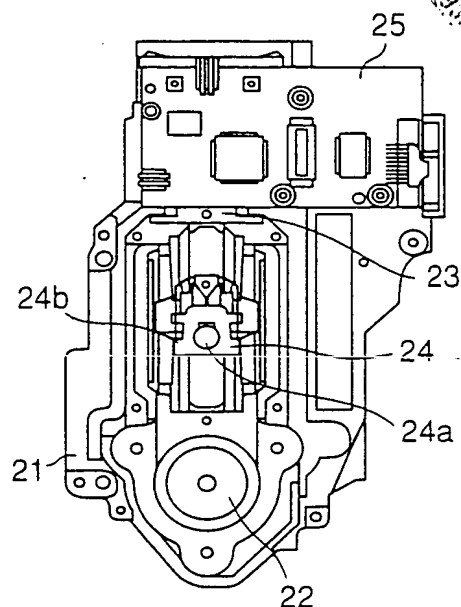


FIG. 3B

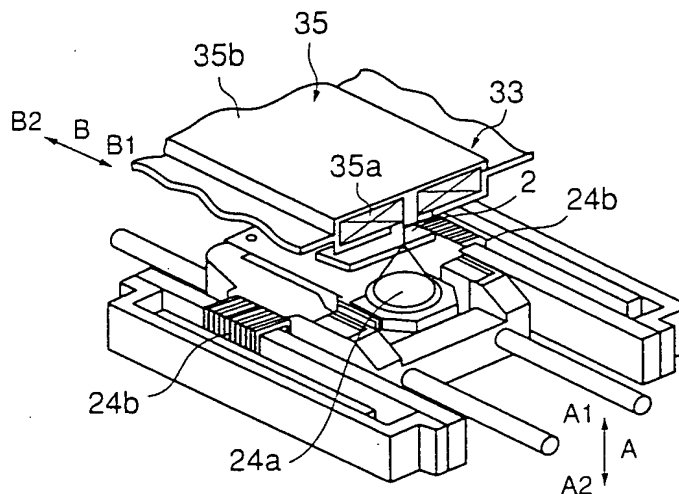
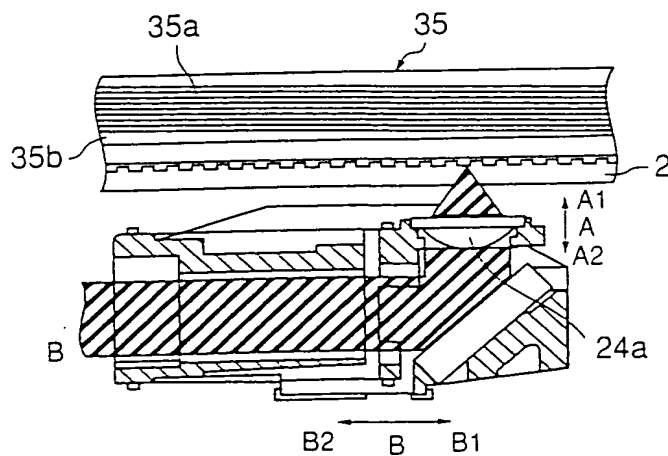


FIG. 3C



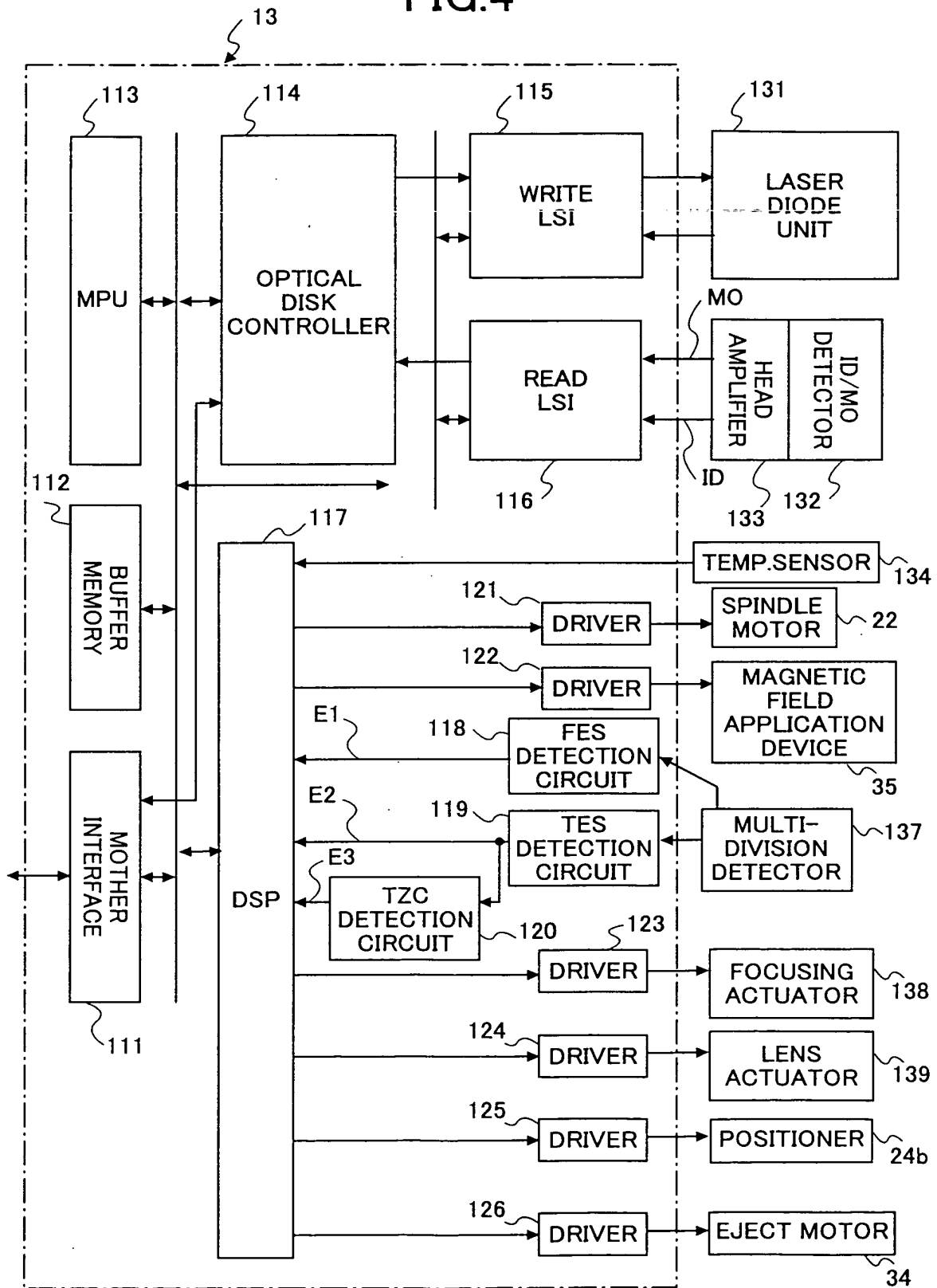

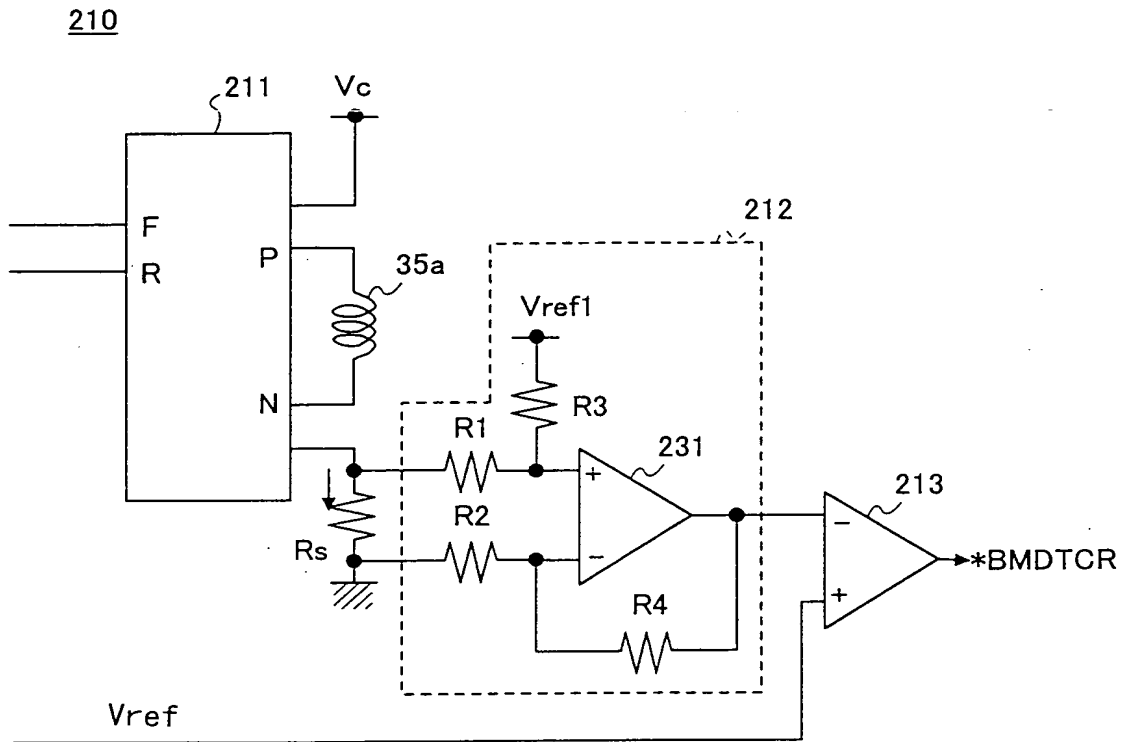




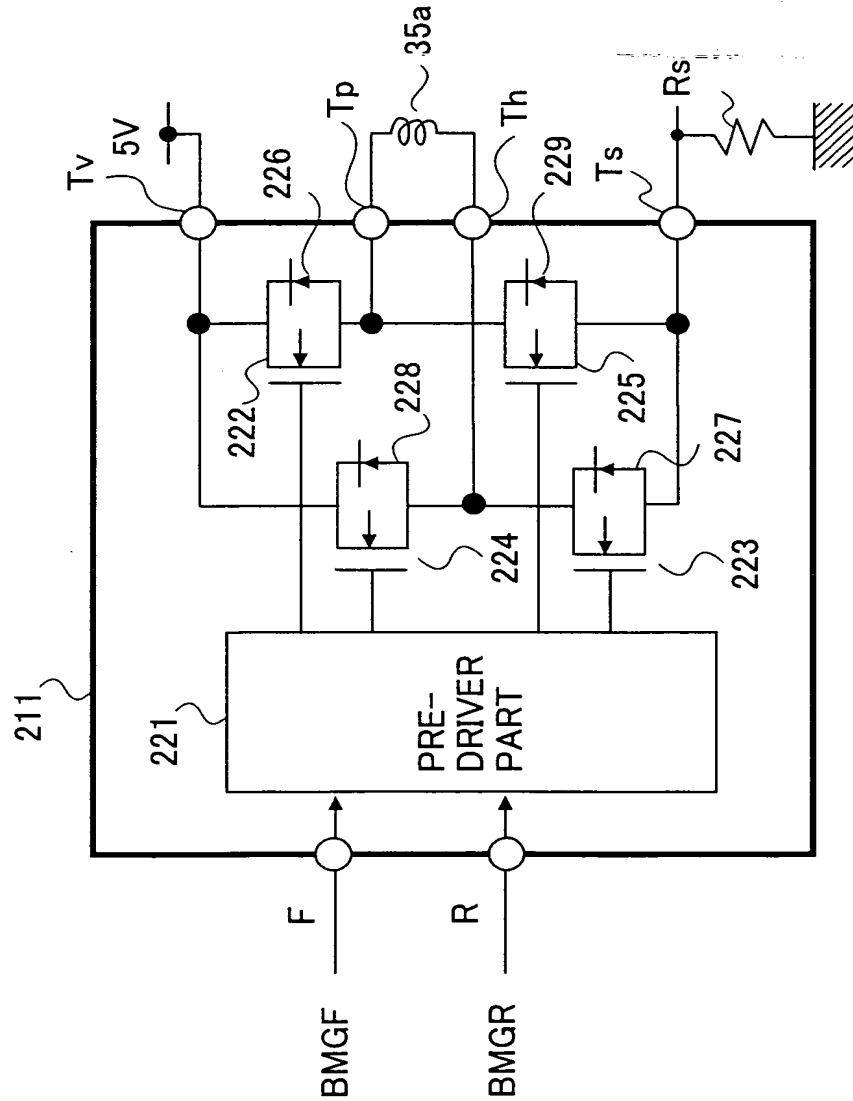
FIG. 5



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FIG.6



APPROVED	C.G. FIG.	
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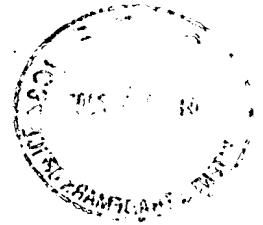


FIG.7

BMGF	BMGR	P OUTPUT	N OUTPUT	NOTE
H	L	H	L	POSITIVE CHANGE(P→N)
L	H	L	H	NEGATIVE CHANGE(N→P)
L	L	L	L	SHORT BREAK

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FIG.8

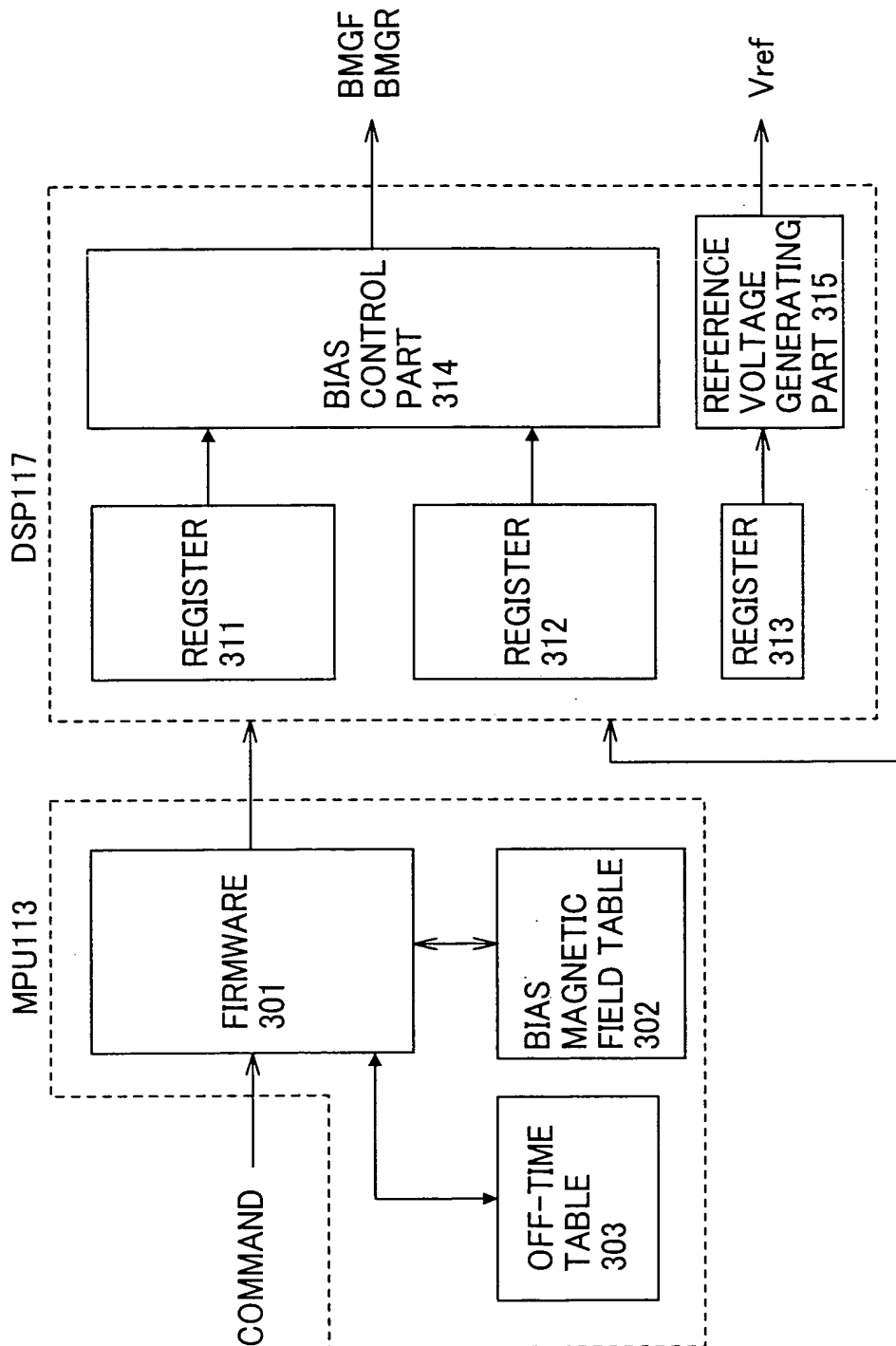
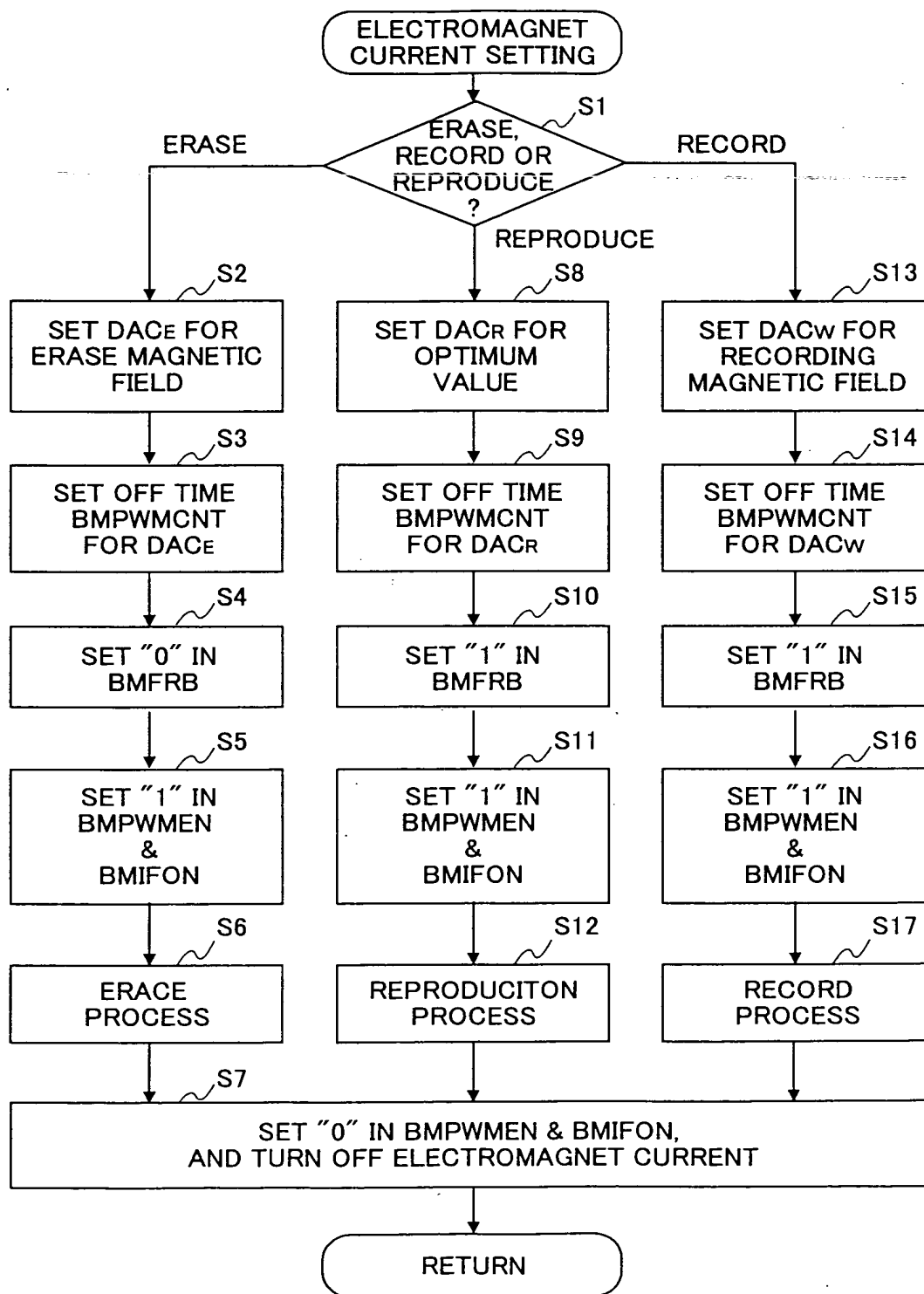




FIG. 9



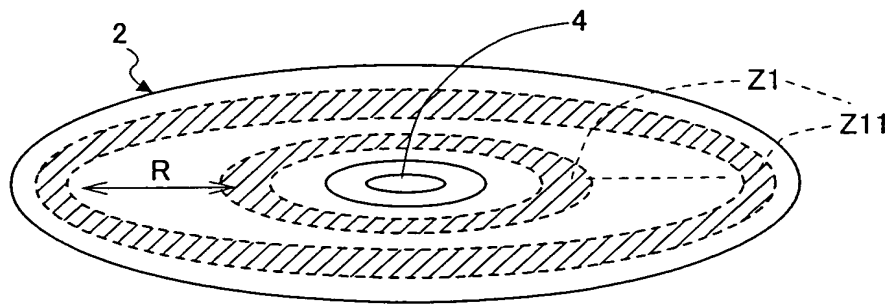
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FIG.10A

ZONE NUMBER	ELECTROMAGNET ELECTRIC CURRENT			
	ERASE	RECORD	INITIAL VALUE FOR REPRODUCTION	CALIBRATION COEFFICIENT
Z1	I _E [mA] (DACE)	I _W [mA] (DACW)	I _{RZ1} [mA](DACR _{Z1})	α 1
Z2			I _{RZ2} [mA](DACR _{Z2})	α 2
Z3			I _{RZ3} [mA](DACR _{Z3})	α 3
Z4			I _{RZ4} [mA](DACR _{Z4})	α 4
Z5			I _{RZ5} [mA](DACR _{Z5})	α 5
Z6			I _{RZ6} [mA](DACR _{Z6})	α 6
Z7			I _{RZ7} [mA](DACR _{Z7})	α 7
Z8			I _{RZ8} [mA](DACR _{Z8})	α 8
Z9			I _{RZ9} [mA](DACR _{Z9})	α 9
Z10			I _{RZ10} [mA](DACR _{Z10})	α 10
Z11			I _{RZ11} [mA](DACR _{Z11})	α 11

FIG.10B



APPROVED	D.G. FIG.	
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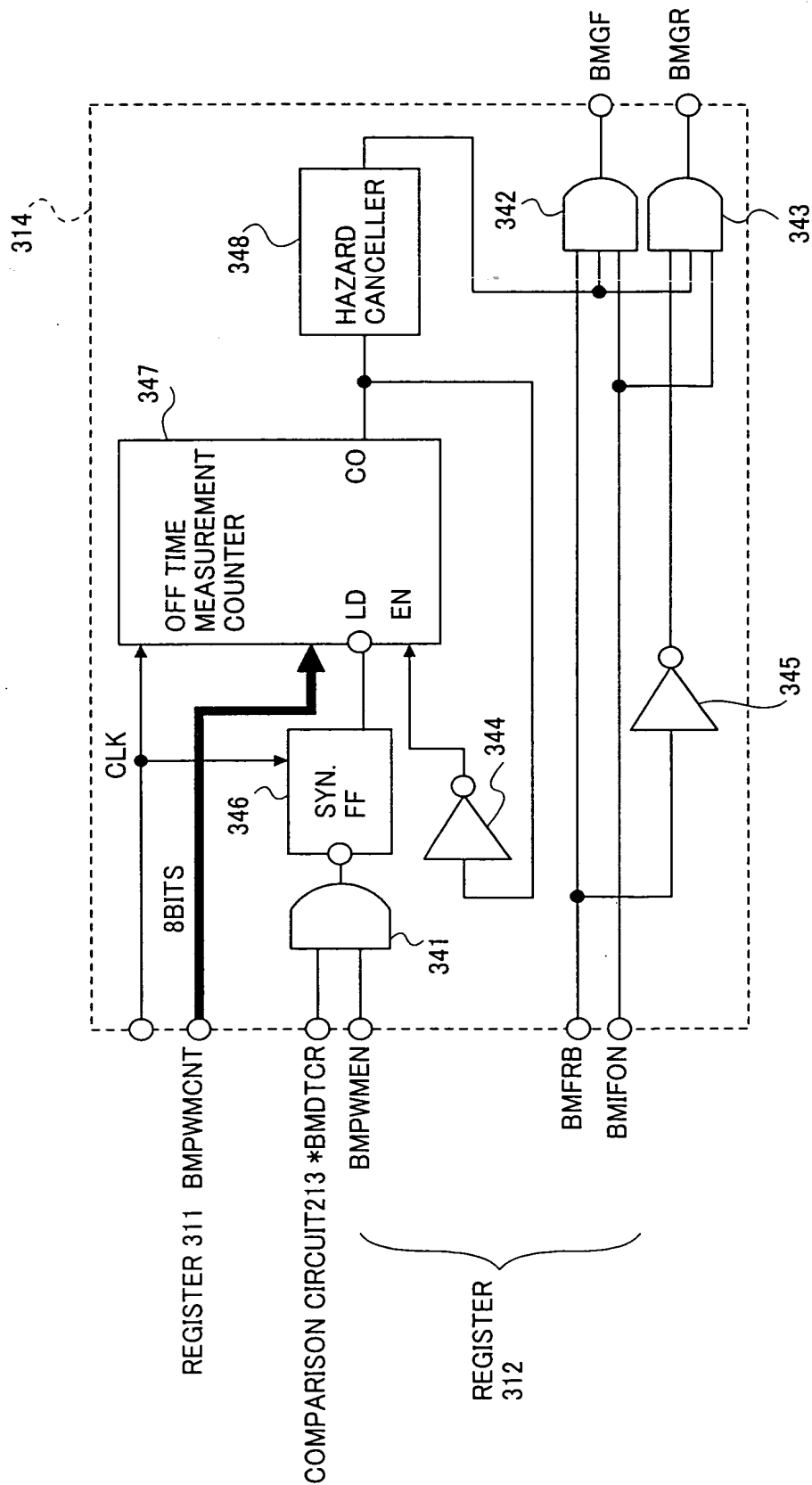
FIG. 11

303

BLAS_DAC	BMPWMCNT
0x00~0x0f	0x18
0x10~0x1f	0x10
0x20~0x3f	0x08
0x40~0x7f	0x04
0x80~0xff	0x01



FIG.12



APPROVED	O.G. FIG.
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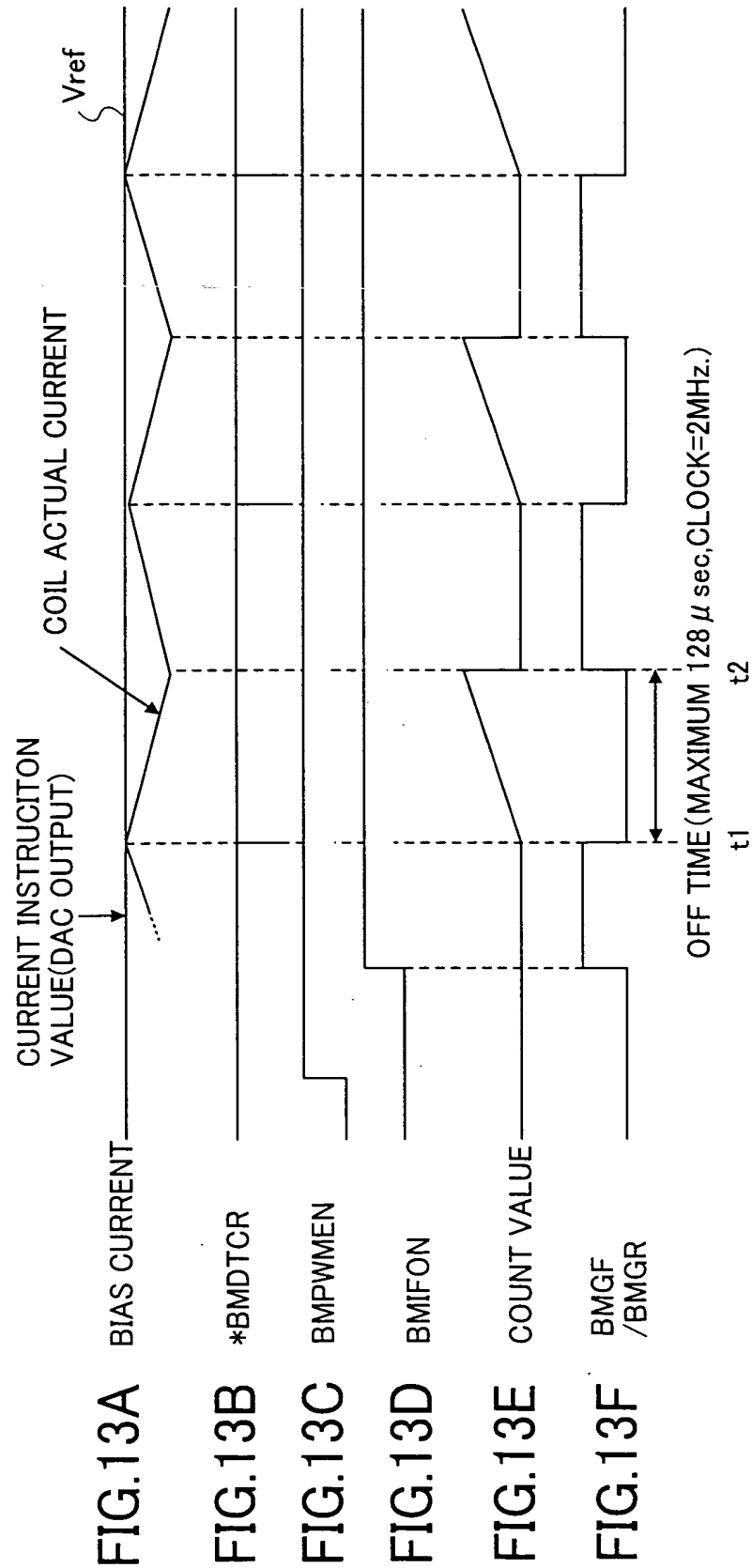


FIG.13A

FIG.13B

FIG.13C

FIG.13D

FIG.13E

FIG.13F

APPROVED	C. G. FIG.
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FIG.14

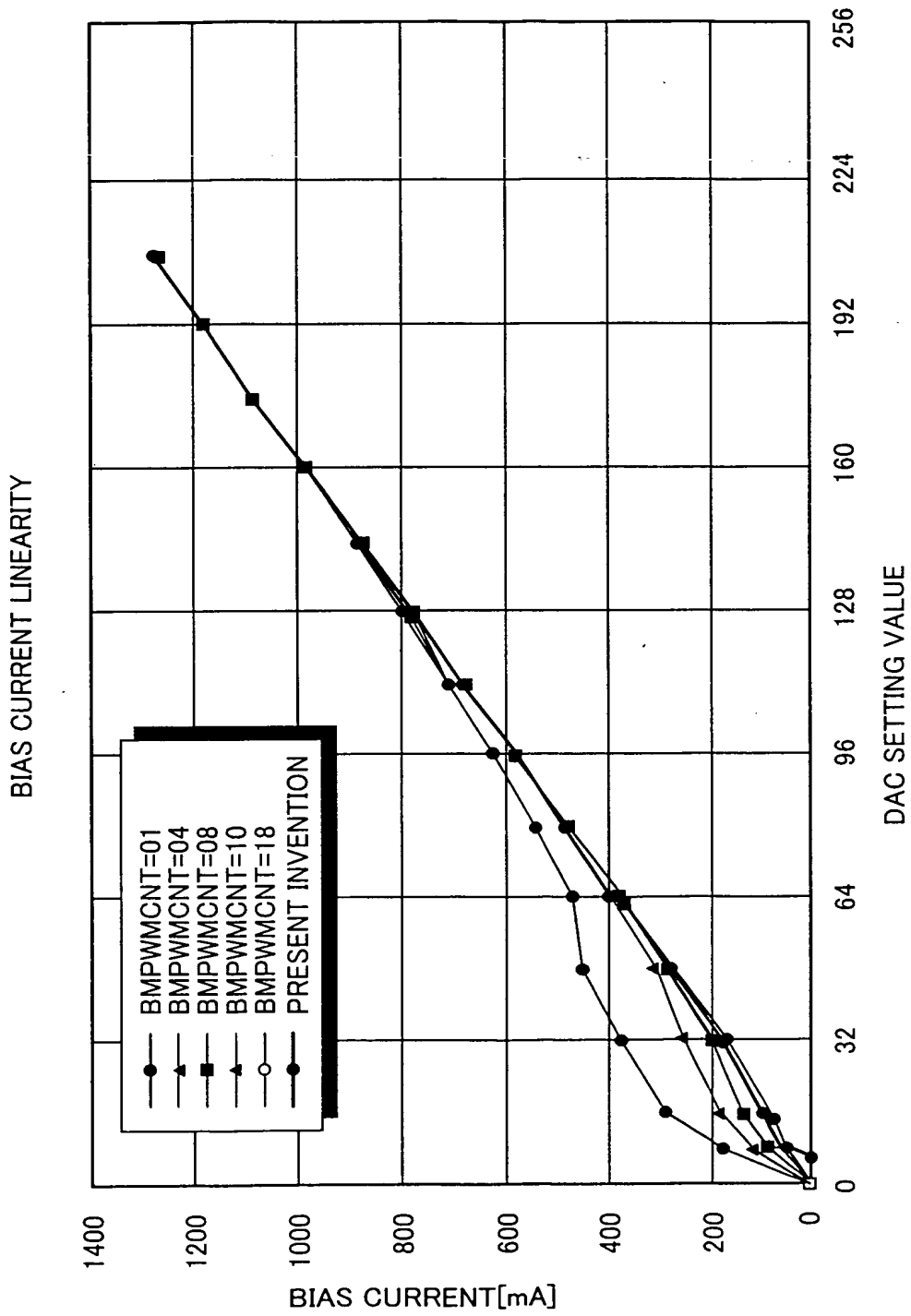




FIG.15

